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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 APR 02 CAS Registry Number Crossover Limits Increased to
500,000 in Key STN Databases
NEWS 3 APR 02 PATDPAFULL: Application and priority number formats
enhanced
NEWS 4 APR 02 DWPI: New display format ALLSTR available
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Sailing through U.S. Patent Codes
NEWS 6 APR 02 EMBASE Adds Unique Records from MEDLINE, Expanding
Coverage back to 1948
NEWS 7 APR 07 CA/CAPLUS CLASS Display Streamlined with Removal of
Pre-IPC 8 Data Fields
NEWS 8 APR 07 50,000 World Traditional Medicine (WTM) Patents Now
Available in CAPLUS
NEWS 9 APR 07 MEDLINE Coverage Is Extended Back to 1947
NEWS 10 JUN 16 WPI First View (File WPIFV) will no longer be
available after July 30, 2010
NEWS 11 JUN 18 DWPI: New coverage - French Granted Patents
NEWS 12 JUN 18 CAS and FIZ Karlsruhe announce plans for a new
STN platform
NEWS 13 JUN 18 IPC codes have been added to the INSPEC backfile
(1969-2009)
NEWS 14 JUN 21 Removal of Pre-IPC 8 data fields streamline displays
in CA/CAPLUS, CASREACT, and MARPAT
NEWS 15 JUN 21 Access an additional 1.8 million records exclusively
enhanced with 1.9 million CAS Registry Numbers --
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NEWS 16 JUN 28 Introducing "CAS Chemistry Research Report": 40 Years
of Biofuel Research Reveal China Now Atop U.S. in
Patenting and Commercialization of Bioethanol
NEWS 17 JUN 29 Enhanced Batch Search Options in DGENE, USGENE,
and PCTGEN
NEWS 18 JUL 19 Enhancement of citation information in INPADOC
databases provides new, more efficient competitor
analyses
NEWS 19 JUL 26 CAS coverage of global patent authorities has
expanded to 61 with the addition of Costa Rica
NEWS 20 SEP 09 New basic patent number increases precision in
retrieving records from USGENE
NEWS 21 SEP 15 MEDLINE Cited References provide additional
relevant records with no additional searching.
NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:20:38 ON 15 SEP 2010

=> File Reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.44	0.44

FILE 'REGISTRY' ENTERED AT 15:21:28 ON 15 SEP 2010
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STRUCTURE FILE UPDATES: 14 SEP 2010 HIGHEST RN 1241051-30-8
DICTIONARY FILE UPDATES: 14 SEP 2010 HIGHEST RN 1241051-30-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

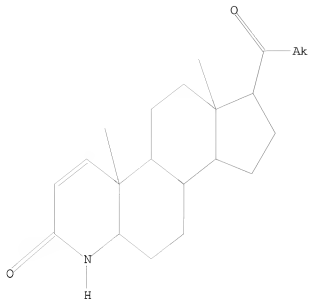
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdndoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10521421a.str

L1 STRUCTURE UPLOADED

=> d L1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L1

SAMPLE SEARCH INITIATED 15:22:00 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 132 TO ITERATE

100.0% PROCESSED 132 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1951 TO 3329

PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> D L2

L2 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2010 ACS on STN

RN 177181-14-5 REGISTRY

ED Entered STN: 07 Jun 1996

CN 1,4-Pentanedione, 5,5,5-trifluoro-3-phenyl-1-
[(4aR,4bS,6aS,7S,9aS,9bS,11aR)-2,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-
tetradecahydro-4a,6a-dimethyl-2-oxo-1H-indeno[5,4-f]quinolin-7-yl]- (CA
INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,4-Pentanedione, 5,5,5-trifluoro-1-[(5a,17β)-3-oxo-4-
azaandrost-1-en-17-yl]-3-phenyl-

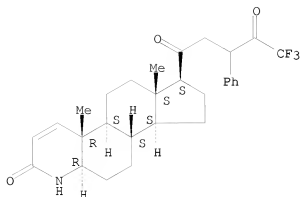
FS STEREOSEARCH

MF C29 H34 F3 N O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D L2 2

L2 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2010 ACS on STN

RN 177181-10-1 REGISTRY

ED Entered STN: 07 Jun 1996

CN 2H-Indeno[5,4-f]quinolin-2-one, 1,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-4a,6a-dimethyl-7-(4,4,4-trifluoro-1-oxo-3-phenylbutyl)-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 4-Aza-21-norchol-1-ene-3,20-dione, 24,24,24-trifluoro-23-phenyl-, (5 α)-

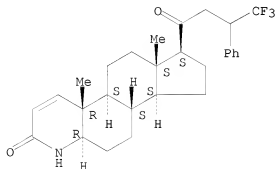
FS STEREOSEARCH

MF C28 H34 F3 N O2

SR CA

LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



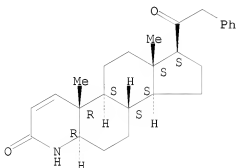
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D L2 3

L2 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2010 ACS on STN
RN 158097-74-6 REGISTRY
ED Entered STN: 05 Oct 1994
CN 2H-Indeno[5,4-f]quinolin-2-one, 1,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-4a,6a-dimethyl-7-(2-phenylacetyl)-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2H-Indeno[5,4-f]quinolin-2-one, 1,4a,4b,5,6,6a,7,8,9,9a,9b,10,11,11a-tetradecahydro-4a,6a-dimethyl-7-(phenylacetyl)-, (4aR,4bS,6aS,7S,9aS,9bS,11aR)- (9CI)
CN 4-Azapregn-1-ene-3,20-dione, 21-phenyl-, (5a)-
FS STEREOSEARCH
MF C26 H33 N O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> File Home

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.77	8.21

FILE 'HOME' ENTERED AT 15:23:13 ON 15 SEP 2010

=> Fil Reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.98	10.19

FILE 'REGISTRY' ENTERED AT 15:28:54 ON 15 SEP 2010

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STRUCTURE FILE UPDATES: 14 SEP 2010 HIGHEST RN 1241051-30-8
DICTIONARY FILE UPDATES: 14 SEP 2010 HIGHEST RN 1241051-30-8

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> S L1 full

FULL SEARCH INITIATED 15:29:33 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2606 TO ITERATE

100.0% PROCESSED 2606 ITERATIONS 35 ANSWERS
SEARCH TIME: 00.00.01

L3 35 SEA SSS FUL L1

=> File CAPLUS

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
192.03	202.22

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:29:51 ON 15 SEP 2010

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FILE COVERS 1907 - 15 Sep 2010 VOL 153 ISS 12

FILE LAST UPDATED: 14 Sep 2010 (20100914/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2010

CAPLUS now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S L3/Prep
38 L3
5066040 PREP/RL
L4 21 L3/PREP
(L3 (L) PREP/RL)

=> D L4

L4 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1997:776029 CAPLUS
DN 128:61680
OREF 128:12090h,12091a
TI Preparation of substituted 4-aza-3-oxo-steroids for use as
5 α -reductase inhibitors
IN Durette, Philippe L.; Hagmann, William; Rasmusson, Gary H.; Tolman,
Richard L.; Kopka, Ihor E.; Sahoo, Soumya P.; Esser, Craig K.; Steinberg,
Nathan G.; Graham, Donald W.; Witzel, Bruce E.
PA Merck and Co., Inc., USA
SO U.S., 139 pp., Cont.-in-part of U.S. Ser. No. 886,537, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5693809	A	19971202	US 1995-338571	19950512
PRAI	US 1992-886537	B2	19920520		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS MARPAT 128:61680
OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D L4 2-21

L4 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN
AN 1997:574511 CAPLUS
DN 127:220861
OREF 127:43053a,43056a
TI Preparation of 4-azapregnanes as 5 α -reductase isoenzyme 1 inhibitors
IN Durette, Philippe L.; Sahoo, Soumya P.
PA Merck and Co., Inc., USA
SO U.S., 9 pp., Cont.-in-part of U.S. Ser. No. 83,797, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5658922	A	19970819	US 1995-537876	19951031
WO	9500147	A1	19950105	WO 1994-US7220	19940627
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KE, KG, KR, KZ, LK, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
PRAI	US 1993-83798	B2	19930628		

WO 1994-US7220 W 19940627

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 127:220861

OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1996:332433 CAPLUS

DN 125:11218

OREF 125:2465a,2468a

TI 4-aza steroids with fluoro ketone side-chains

IN Panzeri, Achille; Nesi, Marcella; Di Salle, Enrico

PA Pharmacia S.P.A., Italy

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9603422	A1	19960208	WO 1995-EP2649	19950707
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	EP 721462	A1	19960717	EP 1995-924985	19950707
	R: DE, GB, IT				
	JP 09503227	T	19970331	JP 1996-505393	19950707
	US 5719159	A	19980217	US 1996-615242	19960531
PRAI	GB 1994-15178	A	19940728		
	WO 1995-EP2649	W	19950707		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 125:11218

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1995:408566 CAPLUS

DN 122:208685

OREF 122:38001a

TI 4-aza-pregnane 5 alpha-reductase isoenzyme 1 inhibitors

IN Durette, Philippe L.; Sahoo, Soumya P.

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 26 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9500147	A1	19950105	WO 1994-US7220	19940627
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KE, KG, KR, KZ, LK, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2165077	A1	19950105	CA 1994-2165077	19940627
	AU 9473177	A	19950117	AU 1994-73177	19940627
	AU 679769	B2	19970710		
	EP 711164	A1	19960515	EP 1994-923254	19940627
	EP 711164	B1	19970917		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				

JP 08512033	T	19961217	JP 1994-503118	19940627
AT 158301	T	19971015	AT 1994-923254	19940627
JP 3325026	B2	20020917	JP 1995-503118	19940627
US 5658922	A	19970819	US 1995-537876	19951031
PRAI US 1993-83798	A	19930628		
WO 1994-US7220	W	19940627		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 122:208685

OSC.G 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1995:266948 CAPLUS

DN 122:56297

OREF 122:10919a,10922a

TI preparation of substituted 4-aza-5a-androstanones as 5a-reductase inhibitors

IN Durette, Philippe L.; Hagmann, William; Rasmusson, Gary H.; Tolman, Richard L.; Kopka, Ihor E.; Sahoo, Soumya P.; Esser, Craig K.; Steinberg, Nathan G.; Graham, Donald W.; Witzel, Bruce E.

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 533 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9323039	A1	19931125	WO 1993-US4734	19930518
	W: AU, BB, BG, BR, CA, CZ, FI, HU, JP, KR, KZ, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9342519	A	19931213	AU 1993-42519	19930518
PRAI	US 1992-886537	A2	19920520		
	WO 1993-US4734	A	19930518		

OS MARPAT 122:56297

OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1994:270957 CAPLUS

DN 120:270957

OREF 120:48027a,48030a

TI Preparation of A17- and A20-olefinic and saturated 17β-substituted-4-aza-5a-androstan-3-ones as testosterone 5a-reductase inhibitors

IN Graham, Donald W.; Aster, Susan D.; Tolman, Richard L.

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 85 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9323050	A1	19931125	WO 1993-US4630	19930517
	W: AU, BB, BG, BR, CA, CZ, FI, HU, JP, KR, KZ, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, US				

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
 BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

AU 9342504 A 19931213 AU 1993-42504 19930517
 AU 676478 B2 19970313
 EP 646007 A1 19950405 EP 1993-911330 19930517
 EP 646007 B1 19970813

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE
 JP 07508032 T 19950907 JP 1993-503778 19930517
 AT 156839 T 19970815 AT 1993-911330 19930517
 US 5510351 A 19960423 US 1994-338490 19941114

PRAI US 1992-886050 A2 19920520
 WO 1993-US4630 A 19930517

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OS MARPAT 120:270957
 OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
 RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1993:603668 CAPLUS

DN 119:203668

OREF 119:36341a,36344a

TI Treatment of benign prostatic hyperplasia with a pharmaceutical
 combination of a 5 α -reductase inhibitor and an aromatase inhibitor

IN Gormley, Glen J.; Stoner, Elizabeth

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 289 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9218132	A1	19921029	WO 1992-US2749	19920406
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KR, LK, MG, MN, MW, NO, PL, RO, RU, SD				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
AU 9218934	A	19921117	AU 1992-18934	19920406
ZA 9202810	A	19921125	ZA 1992-2810	19920416
PRAI US 1991-686720	A	19910417		
US 1991-746388	A	19910816		
US 1992-846155	A	19920311		
WO 1992-US2749	A	19920406		
OS MARPAT 119:203668				
OSC.G 7	THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)			
RE.CNT 2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD			
	ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L4 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1993:560643 CAPLUS

DN 119:160643

OREF 119:28813a,28816a

TI Preparation of 17 β -acyl-4-aza-5 α -androst-1-en-3-ones as
 testosterone 5 α -reductase inhibitors for prevention of prostatic
 carcinoma

IN Gormley, Glenn J.; Stoner, Elizabeth

PA Merck and Co., Inc., USA

SO Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 547690	A1	19930623	EP 1992-203856	19921210
	R: CH, DE, FR, GB, IT, LI, NL				
	CA 2084798	A1	19930618	CA 1992-2084798	19921208
	JP 05255382	A	19931005	JP 1992-329643	19921209
PRAI	US 1991-808509	A	19911217		
OS	MARPAT 119:160643				
OSC.G	2				

THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L4 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1993:213352 CAPLUS

DN 118:213352

OREF 118:36795a,36798a

TI Pharmaceutical combination for the treatment of prostatic cancer containing a 5 alpha reductase inhibitor and an antiandrogen

IN Gormley, Glenn J.; Stoner, Elizabeth

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 286 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9216233	A1	19921001	WO 1992-US2213	19920319
	W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KR, LK, MG, MN, MW, NO, PL, RO, RU, SD				
	RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
	AU 9216802	A	19921021	AU 1992-16802	19920319
	ZA 9202012	A	19921125	ZA 1992-2012	19920319
	US 5994362	A	19991130	US 1995-459063	19950602
PRAI	US 1991-672506	A	19910320		
	US 1992-846154	A	19920311		
	WO 1992-US2213	A	19920319		
	US 1993-94950	B1	19931227		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 118:213352

OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1993:102309 CAPLUS

DN 118:102309

OREF 118:17937a,17940a

TI Pharmaceutical combination for the treatment of prostatic hyperplasia, containing a 5 α -reductase inhibitor and an α 1-adrenergic receptor blocker, and synthesis of some 5 α -reductase inhibitors

IN Gormley, Glenn J.; Stoner, Elizabeth

PA Merck and Co., Inc., USA

SO PCT Int. Appl., 277 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 9216213 A1 19921001 WO 1992-US2258 19920319
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KR, LK, MG, MN, MW, NO, PL,
RO, RU, SD
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN,
GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG
IL 101243 A 19991222 IL 1992-101243 19920316
NZ 260737 A 20000728 NZ 1992-260737 19920316
CA 2104793 A1 19920921 CA 1992-2104793 19920319
CA 2104793 C 20040622
AU 9217514 A 19921021 AU 1992-17514 19920319
AU 666846 B2 19960229
ZA 9202010 A 19921125 ZA 1992-2010 19920319
EP 576603 A1 19940105 EP 1992-910266 19920319
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
JP 06506227 T 19940714 JP 1992-509435 19920319
HU 66273 A2 19941128 HU 1993-2624 19920319
RO 113613 B1 19980930 RO 1993-1253 19920319
RU 2125879 C1 19990210 RU 1993-55133 19920319
SG 80530 A1 20010522 SG 1996-3649 19920319
CZ 292712 B6 20031217 CZ 1993-1933 19920319
SK 284381 B6 20050204 SK 1993-1006 19920319
NO 9303327 A 19931117 NO 1993-3327 19930917
NO 305635 B1 19990705
US 5753641 A 19980519 US 1995-428595 19950425
US 6046183 A 20000404 US 1998-27105 19980220
PRAI US 1991-672511 A 19910320
US 1992-846153 A 19920311
NZ 1992-241979 A1 19920316
WO 1992-US2258 A 19920319
US 1993-22805 B1 19930222
US 1994-201063 B1 19940224
US 1995-428595 A1 19950425

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 118:102309
OSC.G 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS RECORD (19 CITINGS)
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1992:59744 CAPLUS

DN 116:59744

OREF 116:10357a,10360a

TI Process for making 17- β -alkanoyl-3-oxo-4-aza-5- α -androst-1-enes

IN Williams, John M.

PA Merck and Co., Inc., USA

SO U.S., 4 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5061803	A	19911029	US 1990-587299	19900924
	CA 2050821	A1	19920325	CA 1991-2050821	19910906
	EP 478068	A2	19920401	EP 1991-202402	19910918
	EP 478068	A3	19930623		
	R: CH, DE, FR, GB, IT, LI, NL				
	JP 04297490	A	19921021	JP 1991-241556	19910920
	JP 06037515	B	19940518		
PRAI	US 1990-587299	A	19900924		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS CASREACT 116:59744; MARPAT 116:59744
 OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
 RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1991:680373 CAPLUS
 DN 115:280373
 OREF 115:47659a,47662a
 TI The synthesis of some novel N-chloro-A1-4-azasteroids by efficient
 N-chlorination of azasteroid lactams with trichloroisocyanuric acid
 AU Back, Thomas G.; Chau, Joseph H. L.; Dyck, Brian P.; Gladstone, Patricia
 L.
 CS Dep. Chem., Univ. Calgary, Calgary, AB, T2N 1N4, Can.
 SO Canadian Journal of Chemistry (1991), 69(9), 1482-6
 CODEN: CJCHAG; ISSN: 0008-4042
 DT Journal
 LA English
 OS CASREACT 115:280373
 OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

L4 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1991:409127 CAPLUS
 DN 115:9127
 OREF 115:1785a,1788a
 TI Preparation of 17 β -acyl-4-aza-5 α -androst-1-ene-3-ones as 5
 α -reductase inhibitors
 IN Rasmusson, Gary H.; Reynolds, Glenn F.
 PA Merck and Co., Inc., USA
 SO Eur. Pat. Appl., 11 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 414490	A2	19910227	EP 1990-309144	19900821
	EP 414490	A3	19920826		
	R: CH, DE, FR, GB, IT, LI, NL				
	ZA 9100676	A	19930224	ZA 1991-676	19900130
	CA 2023157	A1	19910222	CA 1990-2023157	19900813
	JP 03169891	A	19910723	JP 1990-218277	19900821
	US 5120742	A	19920609	US 1991-683520	19910409
PRAI	US 1989-396183	A	19890821		
	US 1984-584061	B1	19840227		
	US 1985-800624	B1	19851121		
	US 1987-129335	A1	19871203		
	US 1989-363567	B2	19890608		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 115:9127
 OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

L4 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1991:247583 CAPLUS
 DN 114:247583
 OREF 114:41821a,41824a
 TI Preparation of 17 β -acyl-4-aza-5 α -androst-1-ene-3-ones as
 5 α -testosterone reductase inhibitors
 IN Rasmusson, Gary H.; Reynolds, Glenn F.
 PA Merck and Co., Inc., USA
 SO Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 414491	A2	19910227	EP 1990-309145	19900821
	EP 414491	A3	19920826		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	US 5049562	A	19910917	US 1989-396184	19890821
	CA 2023158	A1	19910222	CA 1990-2023158	19900813
	AU 9061169	A	19910221	AU 1990-61169	19900820
	NO 9003656	A	19910222	NO 1990-3656	19900820
	ZA 9006579	A	19921125	ZA 1990-6579	19900820
	JP 03163093	A	19910715	JP 1990-218279	19900821
PRAI	US 1989-396184	A	19890821		
	US 1984-584061	B1	19840227		
	US 1985-800624	B1	19851121		
	US 1987-129335	A1	19871203		
	US 1989-363567	A2	19890608		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS CASREACT 114:247583; MARPAT 114:247583

OSC.G 35 THERE ARE 35 CAPLUS RECORDS THAT CITE THIS RECORD (35 CITINGS)

L4 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1991:164608 CAPLUS

DN 114:164608

OREF 114:27861a,27864a

TI Acylimidazolides as versatile synthetic intermediates for the preparation of sterically congested amides and ketones: a practical synthesis of Proscar

AU Bhattacharya, A.; Williams, J. M.; Amato, J. S.; Dolling, U. H.; Grabowski, E. J. J.

CS Process Res. Dep., Merck Sharp and Dohme Res. Lab., Rahway, NJ, 07065, USA

SO Synthetic Communications (1990), 20(17), 2683-90

CODEN: SYNCAV; ISSN: 0039-7911

DT Journal

LA English

OS CASREACT 114:164608

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L4 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1990:532584 CAPLUS

DN 113:132584

OREF 113:22547a,22550a

TI Preparation of 4-azo-chol-1-ene-3,20-dione derivatives as testosterone reductase inhibitors

IN Bhattacharya, Apurba; Dolling, Ulf H.; Amato, Joseph S.; Williams, John M.

PA Merck and Co., Inc., USA

SO Eur. Pat. Appl., 13 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 367502	A1	19900509	EP 1989-311066	19891026
	EP 367502	B1	19950913		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, LU, NL, SE				
	US 5237061	A	19930817	US 1988-264652	19881031
	CA 1326013	C	19940111	CA 1989-615350	19890929

JP 02172999	A	19900704	JP 1989-275124	19891024
JP 07014959	B	19950222		
ES 2078909	T3	19960101	ES 1989-311066	19891026
DK 8905395	A	19900501	DK 1989-5395	19891030
DK 170734	B1	19951227		
PRAI US 1988-264652	A	19881031		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 113:132584

OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)

L4 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1989:213174 CAPLUS

DN 110:213174

OREF 110:35391a,35394a

TI Process for the dehydrogenation of 3-oxo steroids (and especially 3-oxo-4-azasteroids) in the 1,2-position using quinones and silylating agents, and quinone-steroid adduct intermediates

IN Bhattacharya, Apurba; Douglas, Alan W.; Grabowski, Edward J.; Dolling, Ulf H.

PA Merck and Co., Inc., USA

SO Eur. Pat. Appl., 32 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 298652	A2	19890111	EP 1988-305926	19880627
	EP 298652	A3	19900307		
	EP 298652	B1	19950118		
	R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	IL 86821	A	19930513	IL 1988-86821	19880621
	CA 1331601	C	19940823	CA 1988-570228	19880623
	AU 8818457	A	19890105	AU 1988-18457	19880627
	AU 608860	B2	19910418		
	ES 2066786	T3	19950316	ES 1988-305926	19880627
	ZA 8804610	A	19890222	ZA 1988-4610	19880628
	DK 8803550	A	19890224	DK 1988-3550	19880628
	DK 172531	B1	19990621		
	JP 01079198	A	19890324	JP 1988-159579	19880629
	JP 07025791	B	19950322		
	DK 9800580	A	19980428	DK 1998-580	19980428
	DK 175240	B1	20040719		
PRAI US 1987-67568	A	19870629			
US 1987-67572	A	19870629			

OS MARPAT 110:213174

OSC.G 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)

L4 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1988:611268 CAPLUS

DN 109:211268

OREF 109:34963a,34966a

TI Preparation of 17 β -acyl-4-aza-5 α -androst-1-en-3-ones, useful as inhibitors of testosterone 5 α -reductase

IN Rasmussen, Gary H.; Reynolds, Glenn F.

PA Merck and Co., Inc., USA

SO Eur. Pat. Appl., 24 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 271219	A1	19880615	EP 1987-309949	19871111
	EP 271219	B1	19920729		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, LU, NL, SE				
	AT 78827	T	19920815	AT 1987-309949	19871111
	DK 8706071	A	19880521	DK 1987-6071	19871119
	DK 164915	B	19920907		
	DK 164915	C	19940620		
	JP 63139196	A	19880610	JP 1987-292214	19871120
	US 5138063	A	19920811	US 1991-701332	19910509
	PRAI	US 1986-932549	A	19861120	
US 1984-584061		B1	19840227		
US 1985-800624		B2	19851121		
EP 1987-309949		A	19871111		
US 1988-285375		B1	19881216		
	US 1990-536037	B1	19900611		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 109:211268

OSC.G 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)

L4 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1988:406788 CAPLUS

DN 109:6788

OREF 109:1289a,1292a

TI Silylation-mediated oxidation of 4-aza-3-ketosteroids with DDQ proceeds via DDQ-substrate adducts

AU Bhattacharya, Apurba; DiMichele, Lisa M.; Dolling, Ulf H.; Douglas, Alan W.; Grabowski, Edward J. J.

CS Merck Sharp and Dohme Res. Lab., Merck and Co., Rahway, NJ, 07065, USA

SO Journal of the American Chemical Society (1988), 110(10), 3318-19

CODEN: JACSAT; ISSN: 0002-7863

DT Journal

LA English

OS CASREACT 109:6788

OSC.G 16 THERE ARE 16 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)

L4 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1987:33371 CAPLUS

DN 106:33371

OREF 106:5607a,5610a

TI Azasteroids: structure-activity relationships for inhibition of 5 α -reductase and of androgen receptor binding

AU Rasmusson, Gary H.; Reynolds, Glenn F.; Steinberg, Nathan G.; Walton, Edward; Patel, Gool F.; Liang, Tehming; Cascieri, Margaret A.; Cheung, Anne H.; Brooks, Jerry R.; Berman, Charles

CS Dep. Biochem. Endocrinol., Merck Sharp and Dohme Res. Lab., Rahway, NJ, 07065, USA

SO Journal of Medicinal Chemistry (1986), 29(11), 2298-315

CODEN: JMCMAR; ISSN: 0022-2623

DT Journal

LA English

OS CASREACT 106:33371

OSC.G 129 THERE ARE 129 CAPLUS RECORDS THAT CITE THIS RECORD (131 CITINGS)

L4 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1986:460814 CAPLUS

DN 105:60814

OREF 105:9951a,9954a

TI 17 β -Substituted 4-aza-5 α -androsthenones and their use as testosterone 5 α -reductase inhibitors

IN Rasmusson, Gary H.; Reynolds, Glenn F.
 PA Merck and Co., Inc., USA
 SO Eur. Pat. Appl., 22 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 155096	A2	19850918	EP 1985-301122	19850220
	EP 155096	A3	19860702		
	EP 155096	B1	19891004		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	IL 74365	A	19900726	IL 1985-74365	19850218
	IL 86924	A	19900726	IL 1985-86924	19850218
	EP 314199	A1	19890503	EP 1988-119105	19850220
	EP 314199	B1	19910918		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 46912	T	19891015	AT 1985-301122	19850220
	AT 67503	T	19911015	AT 1988-119105	19850220
	AU 8539167	A	19850905	AU 1985-39167	19850226
	AU 584321	B2	19890525		
	DK 8500859	A	19851022	DK 1985-859	19850226
	DK 166704	B1	19930628		
	ZA 8501426	A	19861029	ZA 1985-1426	19850226
	CA 1314541	C	19930316	CA 1985-475184	19850226
	JP 60222497	A	19851107	JP 1985-36714	19850227
	JP 63065080	B	19881214		
	US 4760071	A	19880726	US 1985-800623	19851121
	US 4859681	A	19890822	US 1987-129335	19871203
	US 4822803	A	19890418	US 1988-152215	19880204
	JP 01093600	A	19890412	JP 1988-135348	19880601
	JP 05041638	B	19930624		
	AU 8933135	A	19890810	AU 1989-33135	19890418
	AU 626293	B2	19920730		
	AU 9170835	A	19910711	AU 1991-70835	19910206
	US 5120742	A	19920609	US 1991-683520	19910409
	US 5138063	A	19920811	US 1991-701332	19910509
	US 5151429	A	19920929	US 1991-764047	19910923
	AU 9227481	A	19930318	AU 1992-27481	19921030
	AU 651741	B2	19940728		
	US 5571817	A	19961105	US 1993-94815	19930720
	US 5567708	A	19961022	US 1995-455464	19950531
PRAI	US 1984-584061	A	19840227		
	US 1984-584062	A	19840227		
	US 1983-547508	A2	19831031		
	US 1984-661645	A2	19841017		
	IL 1985-74365	A	19850218		
	EP 1985-301122	P	19850220		
	EP 1988-119105	A	19850220		
	US 1985-725265	A3	19850419		
	US 1985-800623	A2	19851121		
	US 1985-800624	A1	19851121		
	US 1986-932549	B1	19861120		
	US 1987-1262	A3	19870107		
	US 1987-34806	B1	19870403		
	US 1987-129335	A1	19871203		
	US 1988-198708	B1	19880519		
	US 1988-285375	B1	19881216		
	US 1989-363567	B2	19890608		
	US 1989-370142	B1	19890621		

US 1989-396183	B1	19890821
US 1990-536037	B1	19900611
US 1990-545676	B1	19900628
US 1990-630357	B1	19901218
US 1991-698374	B1	19910509
US 1992-927256	B1	19920807
US 1993-16476	B1	19930210
US 1993-94815	A1	19930720

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OS CASREACT 105:60814; MARPAT 105:60814
 OSC.G 92 THERE ARE 92 CAPLUS RECORDS THAT CITE THIS RECORD (220 CITINGS)

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	31.61	233.83

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	ENTRY	SESSION
FULL ESTIMATED COST	0.14	233.97

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	234.19

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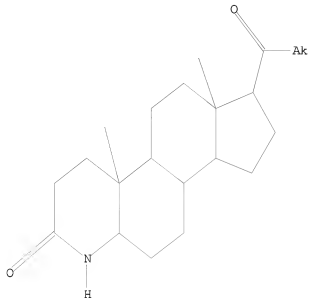
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 experimental property data in the original document. For information
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<http://www.cas.org/support/stngen/stdnoc/properties.html>

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L5 STRUCTURE UPLOADED

=> D L5
L5 HAS NO ANSWERS
L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L5
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SAMPLE SCREEN SEARCH COMPLETED - 132 TO ITERATE

100.0% PROCESSED 132 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 1951 TO 3329
PROJECTED ANSWERS: 2 TO 124

L6 2 SEA SSS SAM L5

=> S L5 full
FULL SEARCH INITIATED 15:36:20 FILE 'REGISTRY'
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100.0% PROCESSED 2606 ITERATIONS 21 ANSWERS
SEARCH TIME: 00.00.01

L7 21 SEA SSS FUL L5

=> L6 and L4

L6 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> S L6 and L4

'PREP' IS NOT A VALID CROSSOVER QUALIFIER FOR L3

Answer sets created in a different file may be field qualified with a
limited set of qualifiers. Enter HELP CROSSOVER at an arrow prompt
(=>) for specific information.

=> S L3 and L6

L8 0 L3 AND L6

=> File home

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

194.48

428.67

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